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### (54) VISCOELASTIC RESIN COMPOSITION FOR VIBRATION DAMPING MATERIAL

#### (57)Abstract:

**PURPOSE:** To provide a viscoelastic resin composition using two kinds or more of polyester resins having mol.wts. and specific gravities within specified ranges, respectively, having improved adhesiveness and moldability, giving molded products having improved vibration damping property and heat resistance, and useful for vibration damping materials.

**CONSTITUTION:** The objective composition having improved hydrolysis resistance comprises (A) a low specific gravity amorphous polyester resin in which  $\geq 40$ mol.% of the dicarboxylic acid component is an aromatic dicarboxylic acid such as terephthalic acid, (B) a high specific gravity amorphous polyester resin in which  $\geq 80$ mol.% of the dicarboxylic acid component is the aromatic dicarboxylic acid, and (C) a curing agent such as a polyisocyanate compound, an epoxy group-containing compound and/or an acid anhydride, the difference between the mol.wts. of the components A and B being  $\geq 1000$ , either of the components A and B having a mol.wt. of  $\geq 5000$ , the difference between the specific gravities of the components A and B at 30°C being 0.06-0.15, and the weight ratio of the component A and B being 90:10 to 30:70.

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